

## ABSTRACT

In a radio channel assignment method according to the present invention, a base station 2 assigns a most appropriate carrier from wide frequency bands in response to a re-request for channel establishment  
5 received from a mobile station 1, even if a same slot as a slot last assigned is assigned. In other words, the probability of assigning again a carrier near a carrier last assigned is reduced. Furthermore, in the radio channel assignment method according to the present invention, frequency management tables are managed. The frequency management tables each  
10 include channels that form a radio channel and are grouped by a specific number thereof so as to be distributed over wide frequency bands. And then, priorities used to search groups are individually provided for base stations that form a system. This allows a neighboring base station to distribute carriers that can be assigned, over the wide frequency bands.